

U.S. Patent application Serial No. 10/542,971
Reply to Office Action dated July 29, 2008

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Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

1. (CURRENTLY AMENDED) Method for inspecting packagings for a liquid product, comprising:

-setting a packaging into rotation,

-irradiating the packaging during the rotation with radiation of a predetermined wavelength,

-making at least one series of at least two recordings of at least a part of the content of the packaging during the rotation with an image recording device suitable for making recordings at the predetermined wavelength, wherein the packaging is situated in substantially the same rotational position relative to the recording device during successive recordings of the series, and wherein the packaging is maintained in rotation during the successive recordings of the series.

2. (CANCELLED)

3. (ORIGINAL) Method as claimed in claim 1, wherein successive recordings of the series are made with an intervening time interval of a predetermined duration.

4. (PREVIOUSLY PRESENTED) Method as claimed in claim 1, wherein the rotation speed is varied during the period in which the recordings of a series are made.

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5. (CURRENTLY AMENDED) Method as claimed in claim 1, wherein the rotation direction is varied during the period in which the recordings of a series are made.
6. (PREVIOUSLY PRESENTED) Method as claimed in claim 1, wherein a plurality of series of recordings are made wherein recordings of the same rank from different series are made successively.
7. (PREVIOUSLY PRESENTED) Method as claimed in claim 1, comprising steps for comparing the image information from the images of a series to detect the presence of undesired particles in the packaging.
8. (CURRENTLY AMENDED) Method as claimed in claim 1, wherein the image recording device comprises a camera activated to make a recording by a signal supplied from outside the camera by a rotation generating device.
9. (PREVIOUSLY PRESENTED) Method as claimed in claim 1, wherein during performing of the method a packaging is placed in a holder comprising a drive unit, radiating means for generating the radiation, and position-determining means for determining the rotational position of the packaging.
10. (CANCELLED)
11. (PREVIOUSLY PRESENTED) System for performing a method as claimed in claim 1, the system comprising:

a rotator for rotating the packaging;

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radiating means for irradiating the packaging during the rotation with radiation of a predetermined wavelength,

an image recording device suitable for making recordings at the predetermined wavelength for making at least one series of at least two recordings of at least a part of the content of the packaging during the rotation,

orientation determining means for determining the rotational position of the packaging for making successive recordings of the content of the packaging in substantially the same orientation.

12. (CURRENTLY AMENDED) A method for inspecting containers for a liquid product, comprising:

setting a container into rotation,

irradiating the container during the rotation with radiation of a predetermined wavelength,

making at least one series of at least two recordings of at least a part of the content of the container during the rotation with an image recording device suitable for making recordings at the predetermined wavelength, wherein the container is situated in substantially the same rotational position relative to the recording device during successive recordings of the series;

wherein the image recording device is ~~positioned~~ positionable at an angle of ranging from greater than 90 degrees and less than 180 degrees from the container's axis of rotation.

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13. (PREVIOUSLY PRESENTED) The method as claimed in claim 12, wherein the radiation of the predetermined wavelength contacts the container at an angle greater than 90 degrees and less than 180 degrees from the axis of rotation.
14. (PREVIOUSLY PRESENTED) The method as claimed in claim 1, wherein the radiation of the predetermined wavelength contacts the packaging at an angle greater than 90 degrees and less than 180 degrees from the packaging's axis of rotation.
15. (NEW) The method as claimed in claim 12, and wherein the container is maintained in rotation during the successive recordings of the series.